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=> FILE REG
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=> D HIS

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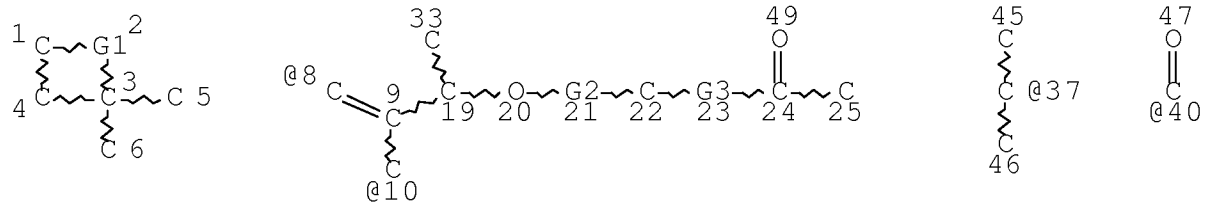


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STEREO ATTRIBUTES: NONE
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=> FILE ZCAPLUS
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FILE 'ZCAPLUS' ENTERED AT 16:15:07 ON 27 FEB 2008

=> D L11 1-2 BIB ABS HITSTR HITRN

L11 ANSWER 1 OF 2 ZCAPLUS COPYRIGHT 2008 ACS on STN
AN 2004:490812 ZCAPLUS Full-text
DN 141:38376
TI Preparation of unsatd. alicyclic carbonyl compounds and their use in perfumery
IN Kraft, Philip
PA Givaudan S. A., Switz.
SO PCT Int. Appl., 17 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2004050602	A1	20040617	WO 2003-CH772	20031124
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AU 2003280274	A1	20040623	AU 2003-280274	20031124
EP 1565426	A1	20050824	EP 2003-770839	20031124
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU,				

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	ES 2274281	T3	20070516	ES 2003-770839 200311 24
	US 2006046955	A1	20060302	US 2005-534426 200505 10
	MX 2005PA05488	A	20050725	MX 2005-PA5488 200505 23
	IN 2005CN01040	A	20070427	IN 2005-CN1040 200505 26
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OS MARPAT 141:38376

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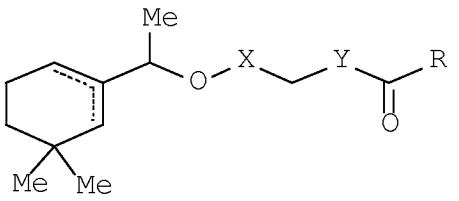

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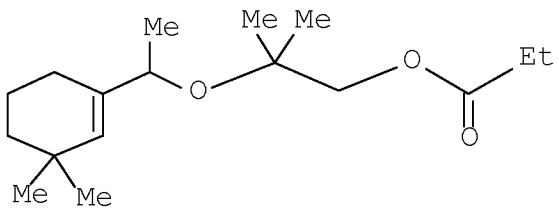


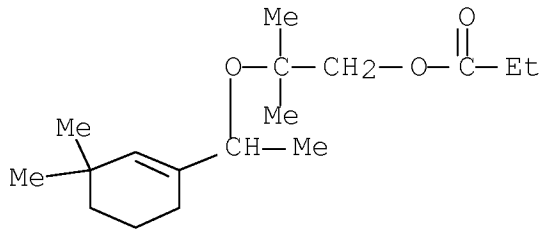
II

AB The unsatd. alicyclic carbonyl compds. I (R = C1-C4 alkyl, vinyl, linear, branched or cyclic C3-C4 alkenyl; X = carbonyl or a divalent radical -(CMe2)-; Y = O or a divalent radical -(CH2)-) were prepd. as perfumes. Thus, 1-(3,3-dimethylcyclohex-1-enyl)ethanone was reduced with LiAlH4 followed by reaction with isobutylene oxide and the esterification with propionic acid to give propionic acid 2-[1-(3,3-dimethylcyclohex-1-enyl)ethoxy]-2-methylpropyl ester (II). II was used in a perfume compn.

IT 676532-37-9P 676532-38-0P 676532-40-4P
704879-81-2P 704879-82-3P 704879-83-4P
(prepn. of 2-[1-(3,3-dimethylcyclohex-1-enyl)ethoxy]-2-methylpropyl and 2-[1-(3,3-dimethylcyclohex-1-enyl)ethoxy]carbonylmethyl esters and their use in perfumery)

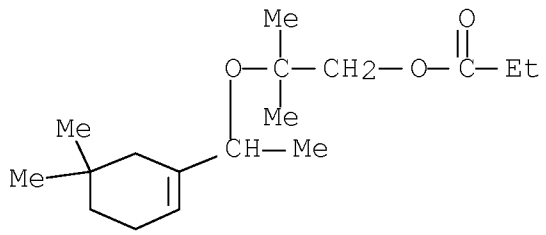
RN 676532-37-9 ZCAPLUS

CN 1-Propanol, 2-[1-(3,3-dimethyl-1-cyclohexen-1-yl)ethoxy]-2-methyl-, propanoate (9CI) (CA INDEX NAME)



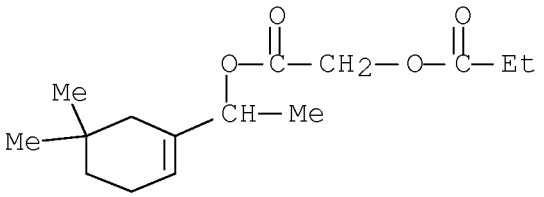
RN 676532-38-0 ZCAPLUS

CN 1-Propanol, 2-[1-(5,5-dimethyl-1-cyclohexen-1-yl)ethoxy]-2-methyl-, propanoate (9CI) (CA INDEX NAME)



RN 676532-40-4 ZCAPLUS

CN Acetic acid, (1-oxopropoxy)-, 1-(5,5-dimethyl-1-cyclohexen-1-yl)ethyl ester (9CI) (CA INDEX NAME)



RN 704879-81-2 ZCAPLUS
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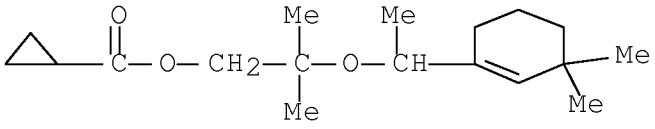
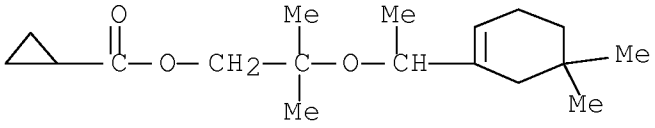
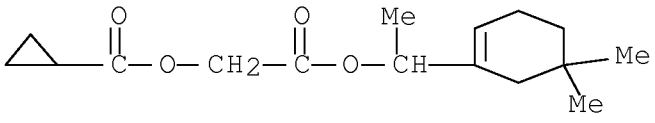


RN 704879-82-3 ZCAPLUS
CN Cyclopropanecarboxylic acid, 2-[1-(5,5-dimethyl-1-cyclohexen-1-yl)ethoxy]-2-methylpropyl ester (CA INDEX NAME)



RN 704879-83-4 ZCAPLUS
CN Cyclopropanecarboxylic acid, 2-[1-(5,5-dimethyl-1-cyclohexen-1-yl)ethoxy]-2-oxoethyl ester (CA INDEX NAME)



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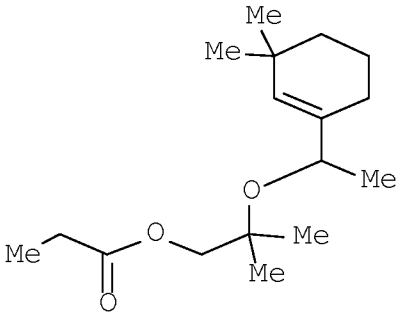
704879-81-2P 704879-82-3P 704879-83-4P
(prepn. of 2-[1-(3,3-dimethylcyclohex-1-enyl)ethoxy]-2-methylpropyl and 2-[1-(3,3-dimethylcyclohex-1-enyl)ethoxy]carbonylmethyl esters and their use in perfumery)
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 2 OF 2 ZCAPLUS COPYRIGHT 2008 ACS on STN
AN 2004:94050 ZCAPLUS Full-text
DN 140:303456
TI Synthesis and odor of aliphatic musks: Discovery of a new class of odorants
AU Kraft, Philip; Eichenberger, Walter
CS Fragrance Research, Givaudan Schweiz AG, Duebendorf, 8600, Switz.
SO European Journal of Organic Chemistry (2004), (2), 354-365
CODEN: EJOCFK; ISSN: 1434-193X
PB Wiley-VCH Verlag GmbH & Co. KGaA
DT Journal
LA English
OS CASREACT 140:303456
GI



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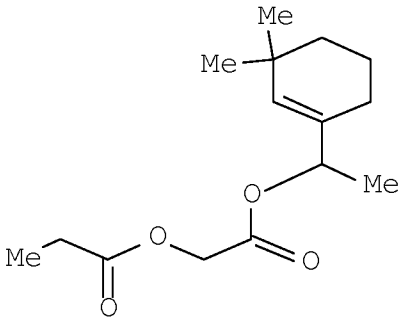

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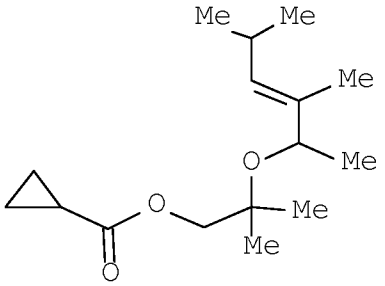


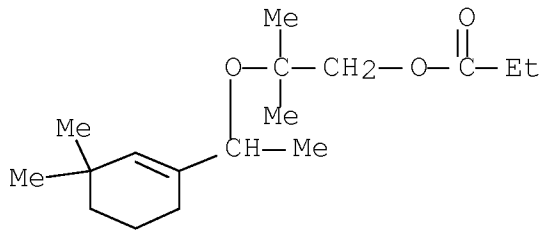
III

AB To find new aliph. musks, the propionates of 2-[1'-(3'',3''-dimethylcyclohex-1''-enyl)ethoxy]-2-methylpropanol, 2-[1'-(5'',5''-dimethylcyclohex-1''-enyl)ethoxy]-2-methylpropanol, hydroxyacetic acid 1-(3',3'-dimethylcyclohex-1'-enyl)ethyl ester, and hydroxyacetic acid 1-(5',5'-dimethylcyclohex-1'-enyl)ethyl ester were synthesized starting from 1-(3',3'-dimethylcyclohex-1'- enyl)ethanone and 1-ethynyl-3,3-dimethylcyclohexanol. The 3,3-dimethylcyclohexenyl derivs. I (odor threshold 0.2 ng/air) and II (odor threshold 0.6 ng/air) are superior musk odorants, and, thus, 1,2,4-trimethylpent-2-enyloxy analogs were synthesized as seco versions. The synthesis of the esters commenced with a Wittig-Horner-Emmons reaction of isobutyric aldehyde, followed by sapon., alkylation with methyllithium, LAH redn., etherification with isobutylene oxide, and Steglich esterification. (2''E)-2'-Methyl-2'-(1'',2'',4''-trimethylpent-2''-enyloxy)propyl cyclopropanecarboxylate ,(2''E)-III, which has a powerful and sweet musk odor and slightly fruity nuances, was found to be a typical representative of this new class of musk odorants, was subjected to conformational anal. In addn., the synthesis and olfactory properties of the related ketones, the 2-methyl-2-(1',4',4'- trimethylpent-2'-enyloxy)propyl esters, and the 2-(1',4'- dimethylpent-2'-enyloxy)-2-methylpropyl esters is reported.

IT 676532-37-9P 676532-38-0P 676532-39-1P
676532-40-4P
(synthesis, odor, and conformational anal. of aliph. musks prepd. from cyclohexanols or hexanols via Wittig-Horner-Emmons and Steglich esterifications)

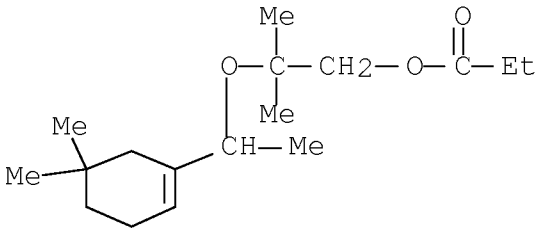
RN 676532-37-9 ZCAPLUS

CN 1-Propanol, 2-[1-(3,3-dimethyl-1-cyclohexen-1-yl)ethoxy]-2-methyl-, propanoate (9CI) (CA INDEX NAME)



RN 676532-38-0 ZCAPLUS

CN 1-Propanol, 2-[1-(5,5-dimethyl-1-cyclohexen-1-yl)ethoxy]-2-methyl-, propanoate (9CI) (CA INDEX NAME)



RN 676532-39-1 ZCAPLUS
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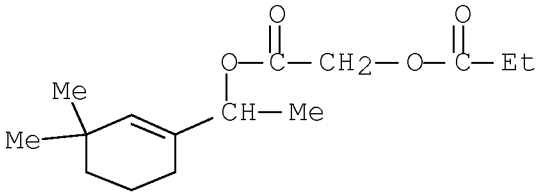
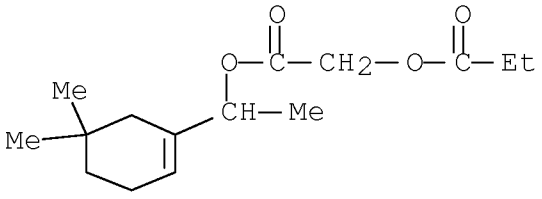


RN 676532-40-4 ZCAPLUS
CN Acetic acid, (1-oxopropoxy)-, 1-(5,5-dimethyl-1-cyclohexen-1-yl)ethyl ester (9CI) (CA INDEX NAME)



IT 676532-37-9P 676532-38-0P 676532-39-1P
676532-40-4P
(synthesis, odor, and conformational anal. of aliph. musks prepd. from cyclohexanols or hexanols via Wittig-Horner-Emmons and Steglich esterifications)

=> FILE BEILSTEIN
FILE 'BEILSTEIN' ENTERED AT 16:15:55 ON 27 FEB 2008

FILE LAST UPDATED ON January 3, 2008

FILE COVERS 1771 TO 2007.
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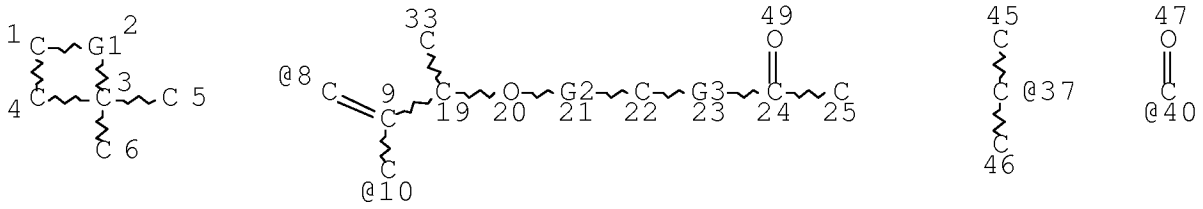

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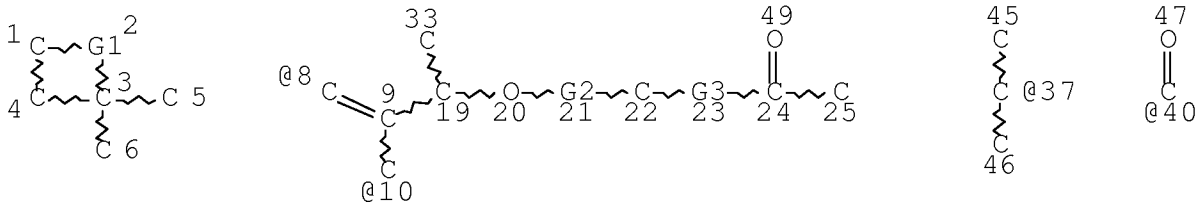

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L18 ANSWER 1 OF 1 MARPAT COPYRIGHT 2008 ACS on STN
TI Preparation of unsatd. alicyclic carbonyl compounds and their use in perfumery
IN Kraft, Philip